

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

5 Entitled : AN INTERVERTEBRAL DISK PROSTHESIS

Inventors :

Assignee :

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ABSTRACT OF THE DISCLOSURE

15 The invention provides an intervertebral disk prosthesis. The prosthesis comprises:

- a first fixing element having both an anchoring first face for anchoring in one of the vertebrae and a co-operation second face;

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- a second fixing element having both an anchoring first face for anchoring in the other vertebrae and a co-operation second face;

- a first prosthesis element having both an active first face and a co-operation second face, said co-

25 operation faces of the first fixing element and of the first prosthesis element serving to fasten the two elements together;

- a second prosthesis element having both an active first face and a co-operation second face, said co-

30 operation faces of the second fixing element and of the second prosthesis element serving to fasten the two elements together; and

- each of said active faces of the prosthesis elements defining at least a portion of a spherical cap that is respectively concave or convex.

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